

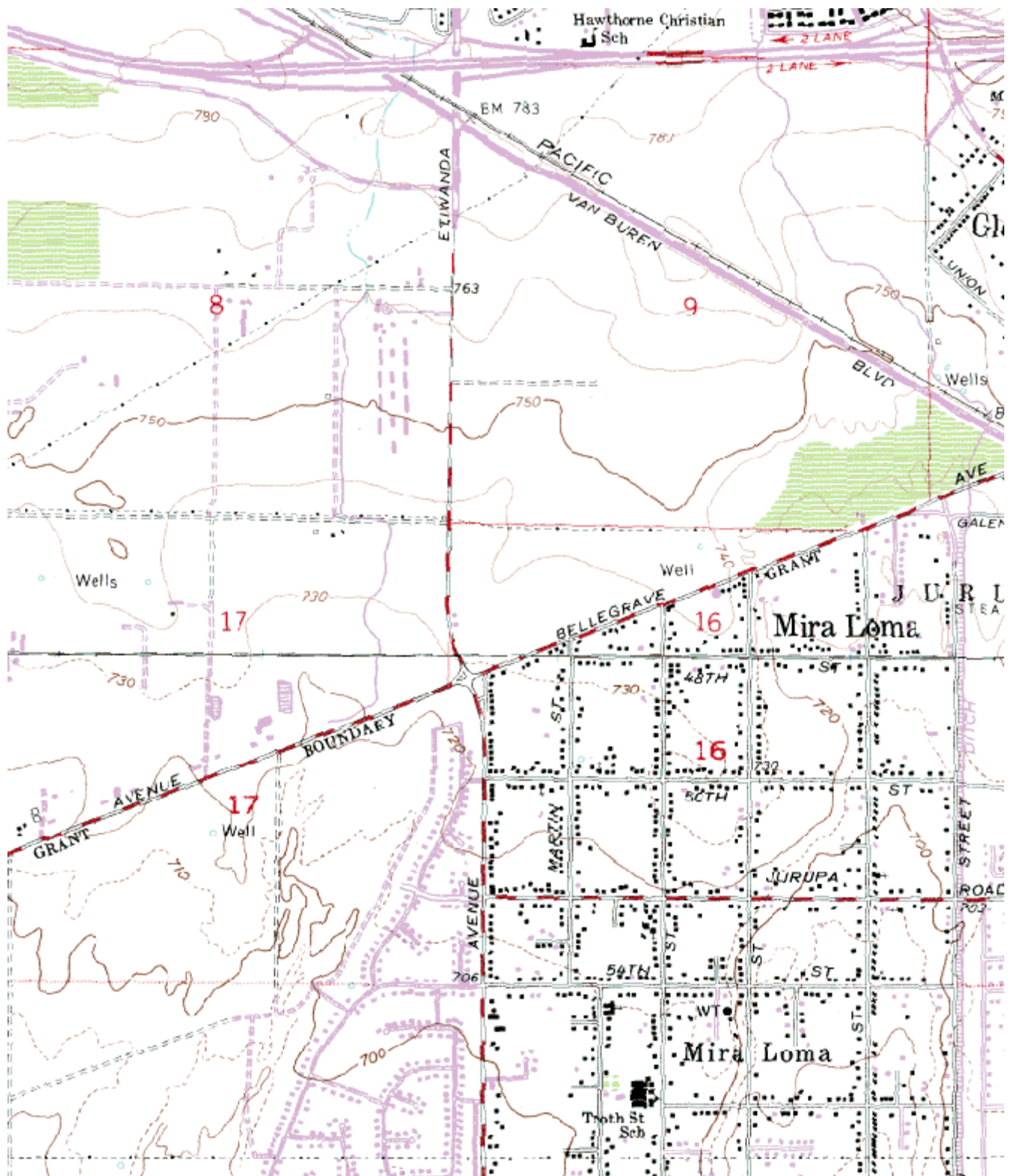
Quality Assurance Site Survey Report for Mira Loma (Jurupa)

Last updated May 2008



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
None	33163	Not Available	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
10551 Bellegrave Ave Mira Loma, CA 91752	Riverside	South Coast	34° 0' 07"	117° 31' 21"	225



Site Survey Report

Siting Information

Site Name: Mira Loma	Date: 05/14/08	State Code: 33163	AIRS Number: None
Address: 10551 Bellegrave Ave Mira Loma, CA 91752	Latitude: 34° 0' 07"	Longitude: 117° 31' 21"	Elevation (m): 225
	Senior AQIS: Keith Brown	Site Technician: Lila Enriquez	Site Phone: (951) 360-6738
Operating Agency: South Coast AQMD			

General Siting Conditions

<div>Station Temperature</div> <div>Controlled: Yes</div> <div>Recorded: Yes</div>	<div>Traffic</div> <div>Description: Commercial</div> <div>Distance: 200 meters</div> <div>Count (Veh/Day): 40000</div>	<div>Topography</div> <div>Site: Level</div> <div>Region: Level</div>	<div>Predominant Wind Direction: SW</div> <div>Arc Air Flow (Deg): 360 Degrees</div> <div>Probe Last Cleaned: 05/08</div>	
	<div>Meteorology</div> <div>Located With Instruments: No</div>	<div>Non-vehicular Local Sources</div> <div>Description: Agriculture</div> <div>Distance: 600 meters</div> <div>Direction: W</div>	<div>QA Manual</div> <div>Approved: Yes</div> <div>Agency: South Coast AQMD</div> <div>Urbanization: Suburban</div> <div>Ground Cover: Asphalt</div>	<div>Manifold Clean: Yes</div> <div>Cleaning Schedule: 6 Months</div> <div>Autocalibrator Type: Environics 100</div> <div>Site Survey Complete: Yes</div> <div>Logbook Up To Date: Yes</div>

Action Items

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Comments

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Detailed Site Information

Site Name	Mira Loma			
AQS ID (AIRS #)	None			
GIS coordinates	Latitude: 34° 0' 07" Longitude: 117° 31' 21"			
Location	Jurupa Valley High School			
Address	10551 Bellegrave Ave, Mira Loma, CA 91752			
County	Riverside			
Dist. to road	200 meters			
Traffic count	40,000 veh/day			
Groundcover	Asphalt			
PEP audit?	N/A			
NPAP audit?	11/28/07			
Flow audit?	11/07			
Representative Area	40140-Riverside-San Bernardino-Ontario, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	PM10-SSI
Monitor objective	REPRESENTATIVE CONCENTRATIONS	REPRESENTATIVE CONCENTRATIONS	REPRESENTATIVE CONCENTRATIONS	REPRESENTATIVE CONCENTRATION, SITE COMPARISON
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale
Sampling method	Horiba APMA-360	API 200	Thermo 49i	Andersen 1200
Serial #	41346760054	261	116256	N/A
Property #	16507	E000218	N/A	4962
Last Calibration Date	01/11/08	11/09/07	01/17/08	02/15/08
Analysis method	N/A	N/A	N/A	Weighed by SCAQMD lab
Start date	N/A	N/A	N/A	N/A
Operation schedule	1:1	1:1	1:1	1:6
Sampling season	All Year	All Year	All Year	All Year
Probe height	5.0	5.0	5.0	2.6
Distance from supporting structure	1.8	1.8	1.8	1.6
Distance from obstructions on roof	N/A	N/A	N/A	N/A
Distance from obstructions not on roof	N/A	N/A	N/A	N/A
Distance from trees	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
Distance between collocated monitors	N/A	N/A	N/A	N/A
Unrestricted airflow	Yes	Yes	Yes	Yes
Probe material	Teflon	Teflon	Teflon	N/A
Residence time	10.3	10.3	9.9	N/A
Will there be changes within the next 18 months?	Yes	Yes	Yes	Yes

Is it suitable for comparison against the annual PM2.5?	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers audit	N/A	N/A	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A	N/A	N/A
Frequency of one-point QC check (gaseous)	Nightly	Nightly	Nightly	N/A
Last Annual Performance Evaluation (gaseous)				N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	05/07, 11/07

Pollutant	TEOM-PM10			
Monitor objective	HIGHEST CONCENTRATION			
Spatial scale	Neighborhood Scale			
Sampling method	R&P 1400			
Serial #	20013779			
Property #	ARB 208779505			
Last Calibration Date	05/01/07			
Analysis method	N/A			
Start date	N/A			
Operation schedule	Cont			
Sampling season	All Year			
Probe height	5.0			
Distance from supporting structure	1.8			
Distance from obstructions on roof	N/A			
Distance from obstructions not on roof	N/A			
Distance from trees	N/A			
Distance to furnace or incinerator flue	N/A			
Distance between collocated monitors	N/A			
Unrestricted airflow	Yes			
Probe material	N/A			
Residence time	N/A			

Will there be changes within the next 18 months?	Yes			
Is it suitable for comparison against the annual PM _{2.5} ?	N/A			
Frequency of flow rate verification for manual PM samplers audit	N/A			
Frequency of flow rate verification for automated PM analyzers audit	Monthly			
Frequency of one-point QC check (gaseous)	N/A			
Last Annual Performance Evaluation (gaseous)	N/A			
Last two semi-annual flow rate audits for PM monitors	N/A			

**Mira Loma
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Mira Loma
Site Photos (Cont.)**



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.